

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3a. Address

P.O. Box 552 Midland, TX 79702

3b. Phone No. (include area code)

1-800-351-1417

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1960' FNL, 2345' FEL, SEC. 20, T-31-N, R-12-W, SAN JUAN CO. N.M.
BLANCO MESA VERDE FIELD

5. Lease Serial No.

NMNM 021126

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA/Agreement, Name and/or

N/A

8. Well Name and No.

OHIO - GOVERNMENT F-1-C

9. API Well No.

30-045-30121

10. Field and Pool, or Exploratory Area
BLANCO MESA VERDE

11. County or Parish, State

SAN JUAN N.M.

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 day following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

SEE ATTACHMENT TO FORM 3160-5.



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Jerry Fletcher

Title

DRILLING ENGINEER TECH

Date 04-27-00

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date MAY 26 2000

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

FARMINGTON FIELD OFFICE
BY

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

OHIO "F" 1-C
1960' FNL, 345' FEL SEC. 20, T-31-N, R-12-W
SAN JUAN CO. NEW MEXICO
BLANCO MESAVERDE FIELD

MIRU KEY # 23 RIG, NOTIFIED BLM OF INTENT TO SPUD 18:15 HRS 4-13-00. DRILL RAT HOLE AND MOUSE HOLE. DRILL F/ 15' TO 353'. RAN 8- JTS 8-5/8" 24# J-55 ST&C CSG. @ 334'. SHOE @ 349', FLOAT @ 306'. CMT. W/ 255 SX "B" 2% C.C., 1/4# FLOCELE MIXED: 15.2#/ GL, 1.26 CUFT, 5.73 G/L. WTR. CIRC. 42-SX. WAIT ON CMT. 16- HRS. PRESSURE TEST BOP 200/2000#. DRILL FLOAT AND 22' CMT. PRESSURE TEST CSG. TO 500# DRILL 20' CMT. DRILL 7-7/8" HOLE F/ 353' TO 2888'. DRILL F/ 2888' TO 4807'. DRILL F/ 4807' TO 5105'. RAN 117 JTS. 4-1/2" 11.60# J-55 LT&C CSG. @ 5081'. FLOAT SHOE @ 5098' FLOAT COLLAR @ 5059', DV @ 3710'. CMT 1ST STAGE W/ 295 SX. 50/50 POZ, W/ .2% CFR-3, .25 #/SK FLOCELE, 5#/SK GILSONITE, .4% HALAD 344, 2% GEL, .1% HR-5, MIXED @ 13.5 PPG 1.38 CUFT. 6.03 GL/WTR. CMT 2ND STAGE W/ 400 SX. "B" LEAD W/ .5# /SK FLOCELE, 10#/SK. GILSONITE, 3% ECONOLITE, MIXED @ 11.4#/ GL. 2.88 CUFT. / SK. 16.62 GL/WTR. TAILED W/ 100 SKS. "B" 2% CACL2, .25 #/SK FLOCELE, MIXED @ 15.2 PPG, 1.26 F3/SK. 5.72 GL/WTR. EST. TOP OF CMT @ 200'. RELEASED RIG @ 22:30 HRS. 4-19-00.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3a. Address

P.O. Box 552 Midland, TX 79702

3b. Phone No. (include area code)

800-351-1417

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

UL "G", 1960' FNL & 2345 FEL, SEC. 20, T31N, R12W

5. Lease Serial No.

NM021126

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

OHIO F GOVERNMENT 1C

9. API Well No.

30-045-30121

10. Field and Pool, or Exploratory Area

BLANCO MESA VERDE

11. County or Parish, State

SAN JUAN NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

CORRECT/CHANGE WELL NAME.

Original Permit showed Well Name as: "Ohio F 1C"

Correct Lease and Well Name is: "Ohio F Government 1C"



14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

R. J. LONGMIRE

Title

DRILLING SUPERINTENDENT

Date

7/13/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

ACCEPTED FOR RECORD

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Office

JUL 19 2000

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FARMINGTON DISTRICT OFFICE

NMOCB

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Marathon Oil Company

3a. Address
P.O. Box 2490 Hobbs, NM 88240

3b. Phone No. (include area code)
505 / 393-7106

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UL G, Sec. 20, T-31-N, R-12-W
1960' FNL & 2345' FEL

5. Lease Serial No.

NM-021126

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Ohio F No. 1C

9. API Well No.

30-045-30121

10. Field and Pool, or Exploratory Area
Blanco Mesa Verde

11. County or Parish, State

San Juan NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

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☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Acidize ☐ Deepen ☐ Production (Start/Resume) ☐ Water Shut-Off
☐ Alter Casing ☐ Fracture Treat ☐ Reclamation ☐ Well Integrity
☐ Casing Repair ☐ New Construction ☐ Recomplete ☒ Other
☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon
☐ Convert to Injection ☐ Plug Back ☐ Water Disposal

New Well

Completion

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Please see the attached document for the work performed.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kelly Cook

Title

Records Processor

Date

June 6, 2000

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

JUL 0 6 2000

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Office

FARMINGTON FIELD OFFICE
BY

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(Instructions on reverse)

NMOCB

Marathon Oil Company
Ohio F Well No. 1C
API No. 30-045-30121
3160-5 Attachment
June 6, 2000

- 5/2 RU pulling unit. ND wellhead. NU BOP. RIH w/bit. DO cmt & DV tool to 5078'. Circ hole clean. POOH w/bit. Ran GR/CCL from 5074-430'. RIH w/pkr. Pressure test csg, found leak between 4820-40'. Rel pkr, POOH. RIH w/cmt retainer, set at 4743'. Pump 150 sxs class B cmt. POOH. RIH w/bit, DO cmt to 5074'. Circ hole clean. Test sqz to 1000 psi, OK. POOH w/bit. RIH w/RBP, set at 4800'. Load & test to 4000 psi, OK. Rel RBP. POOH.
- 5/11 Perf 4728, 44, 75, 81, 86, 94, 4800, 24, 27, 44, 64, 72, 76, 4909, 31, 39, 49, 58, 69, 82, 87, 89, 97, 5004 w/1 SPF, 24 holes. TIH w/pkr & RBP, set at 4854' and 5061'. Acidize 4864-5004' w/600 gals 15% acid. Rel and reset RBP at 4810', pkr at 4676'. Pump 300 gals 15% acid. Pressure up to 3900 psi. Perfs would not break down. Tried to rel pkr, unsuccessful. RIH w/chem cutter. Cut tbg at 4658'. POOH. RIH w/overshot, jarred pkr loose, POOH. RIH, rel RBP, POOH. RIH w/RBP, pkr on 2 3/8" tbg. Set RBP at 4810', pkr at 4676'. Pump 300 gals 15% acid. Rel and reset RBP at 4854', pkr at 4810'. Pump 125 gals 15% acid. Move RBP to 5027' and pkr to 4676'. Swab.
- 5/17 Rel pkr, RIH rel RBP, POOH w/both. ND BOP. NU wellhead. RD pulling unit.
- 5/21 Frac w/38,153 gals 20# linear w/945,306 SCF N2 containing 109,000# sand. RIH w/CIBP, set at 4695', POOH. Acidize w/1000 gals 15% acid. Perf 4318, 23, 24, 25, 75, 4400, 50, 81, 4543, 45, 49, 51, 53, 79, 88, 93, 95, 97, 4608, 28, 33, 44, 1 SPF. Frac w/26,731 gals 20# linear w/673,254 SCF N2 containing 63,170# sand. Flow back well. RU pulling unit. RIH, clean out to CIBP. DO CIBP. Clean out to 5079'. POOH.
- 5/24 RIH w/prod tbg. ND BOP. NU wellhead. ND pulling unit.